

L Number	Hits	Search Text	DB	Time stamp
1	1259	422/180.ccis.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 18:10
2	61	422/180.ccis. and (turbulent)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 18:10
3	120346	(turbulent mix efficiency) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 18:16
4	7750	(turbulent turbulence) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 18:17
5	6369	(turbulent turbulence) and (catalyst catalytically catalytic) and gas	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 18:18
6	1523	(turbulent turbulence) and (catalyst catalytically catalytic) and (422/\$.ccis. 431/\$.ccis. 60/\$.ccis.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 18:41
7	1058	(turbulent turbulence) and (catalyst catalytically catalytic) and (422/\$.ccis. 431/\$.ccis. 60/\$.ccis.)	USOCR	2003/01/24 18:28
8	5	2490079.URPN.	USPAT	2003/01/24 18:38
9	1523	(turbulent turbulence) and (catalyst catalytically catalytic) and (422/\$.ccis. 431/\$.ccis. 60/\$.ccis.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 18:42
10	5	("3208131"   "5162288"   "5202303"   "5228847"   "5628181").PN.	USPAT	2003/01/24 18:45
11	5	("2551115"   "4072007"   "4870824"   "5026273"   "5415233").PN.	USPAT	2003/01/24 18:45
12	29	("0802380"   "1681698"   "1701805"   "1735261"   "1783701"   "1826487"   "1839655"   "1960043"   "2044537"   "2068421"   "2087170"   "2186752"   "2277294"   "2333567"   "2420599"   "2618539"   "2758018"   "2789238"   "3287094"   "3356256"   "3748111"   "3903646"   "3981356"   "4013190"   "4093818"   "4248342"   "4909730"   "4925053"   "5000336").PN.	USPAT	2003/01/24 18:46
13	3	("3944505"   "4118199"   "4382323").PN.	USPAT	2003/01/24 18:47
14	7	5162288.URPN.	USPAT	2003/01/24 18:48
15	34	("3830684"   "3997632"   "4107241"   "4186159"   "4276242"   "4296050"   "4307254"   "4344899"   "4356611"   "4366608"   "4471014"   "4497751"   "4597916"   "4604247"   "4670196"   "4676934"   "4731229"   "5063000"   "5073236"   "5080962"   "5096663"   "5102745"   "5162288"   "5188773"   "5189001"   "5235102"   "5304330"   "5321163"   "5326504"   "5431890"   "5498376"   "5500160"   "5523062"   "5578254").PN.	USPAT	2003/01/24 18:48
16	8	("4381590"   "4385032"   "4400860"   "4519120"   "4521947"   "4665051"   "4795615"   "4847966").PN.	USPAT	2003/01/24 18:53
17	9	("3881701"   "4576800"   "4647435"   "4882130"   "4987034"   "5063029"   "5118475"   "5312694"   "5317869").PN.	USPAT	2003/01/24 18:55
18	8	("2730434"   "3466151"   "3825460"   "3853485"   "4207202"   "4532086"   "4533584"   "4719090").PN.	USPAT	2003/01/24 18:56
19	14	4882130.URPN.	USPAT	2003/01/24 18:57

	717224	catalyst catalytically catalytic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 18:16
	10359	burner and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 12:41
	115996	(reactor burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 13:01
	33709	(reactor burner) and (catalyst catalytically catalytic)	USOCR	2003/01/24 12:42
	10359	(burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 12:44
	517	turbulence and (burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 12:45
	1203	(431/\$.ccls. 122/\$.ccls. 126/\$.ccls.) and (burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 13:01
	1796	(431/\$.ccls. 60/\$.ccls. 122/\$.ccls. 126/\$.ccls.) and (burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 13:04
	16	3910770.URPN.	USPAT	2003/01/24 13:29
	20	4285193.URPN.	USPAT	2003/01/24 14:37
	13	("1979187"   "2993454"   "3056467"   "3819334"   "3908367"   "4154568"   "4280926"   "4307068"   "4319556"   "4330503"   "4345528"   "4363785"   "4373507").PN.	USPAT	2003/01/24 14:44
	3	("3581463"   "4102980"   "4193972").PN.	USPAT	2003/01/24 14:45
	3	("3581463"   "4102980"   "4193972").PN.	USPAT	2003/01/24 14:46
	6	4307068.URPN.	USPAT	2003/01/24 14:46
	13	("1979187"   "2993454"   "3056467"   "3819334"   "3908367"   "4154568"   "4280926"   "4307068"   "4319556"   "4330503"   "4345528"   "4363785"   "4373507").PN.	USPAT	2003/01/24 14:47
	12	("1789812"   "1932927"   "2772147"   "2887456"   "3100140"   "3109715"   "3172251"   "3208131"   "3211534"   "3295919"   "3441382"   "3607133").PN.	USPAT	2003/01/24 14:47
	5	("3050375"   "3109715"   "3159450"   "3295919"   "3498928").PN.	USPAT	2003/01/24 14:48
	22	3607133.URPN.	USPAT	2003/01/24 14:48
	9	2887456.URPN.	USPAT	2003/01/24 14:54
	3	("3499269"   "4003976"   "4414139").PN.	USPAT	2003/01/24 14:58
	22	3499269.URPN.	USPAT	2003/01/24 14:58
	5	("4340403"   "4364760"   "4364761"   "4390355"   "4404007").PN.	USPAT	2003/01/24 15:07
	5	("4041591"   "4041592"   "4264346"   "4276071"   "4300953").PN.	USPAT	2003/01/24 15:08
	14	("3869267"   "3920428"   "4264346"   "4276071"   "4324572"   "4376637"   "4427418"   "4456457"   "4543113"   "4576799"   "4613350"   "4813231"   "4940476"   "5042249").PN.	USPAT	2003/01/24 15:16
	5	("2994435"   "3780872"   "3869267"   "4444574"   "4478618").PN.	USPAT	2003/01/24 15:17

	11	("2805229"   "2986454"   "3499797"   "3507627"   "3916869"   "4425305"   "4459126"   "4730599"   "4739826"   "4870824"   "4938685").PN.	USPAT	2003/01/24 15:22
	5	5326252.URPN.	USPAT	2003/01/24 15:22
	7	("3933643"   "4661126"   "4872889"   "4928485"   "5042249"   "5070694"   "5110561").PN.	USPAT	2003/01/24 15:25
	4	("3770389"   "4072471"   "4220625"   "4282186").PN.	USPAT	2003/01/24 15:26
	4	("3770389"   "4072471"   "4220625"   "4282186").PN.	USPAT	2003/01/24 15:27
	11	("3189563"   "3208131"   "3597165"   "3770389"   "3773894"   "3811845"   "3819334"   "3897366"   "3929671"   "3956185"   "4078898").PN.	USPAT	2003/01/24 15:27
	70	3773894.URPN.	USPAT	2003/01/24 15:28
	10	("3006782"   "3560408"   "3640755"   "3773894"   "3886095"   "3922234"   "3969480"   "4021372"   "4069171"   "4282115").PN.	USPAT	2003/01/24 15:29
	3	("1934975"   "2526657"   "3257163").PN.	USPAT	2003/01/24 15:30
	15	2526657.URPN.	USPAT	2003/01/24 15:30
	8	("2332110"   "2526657"   "2801906"   "3362783"   "3391910"   "3492098"   "3867313"   "3920583").PN.	USPAT	2003/01/24 15:32
	10	3492098.URPN.	USPAT	2003/01/24 15:32
	7	("1341976"   "2877860"   "3492098"   "3775063"   "4022019"   "4345430"   "4530418").PN.	USPAT	2003/01/24 15:33
	15	("0821828"   "1094667"   "1302300"   "1388107"   "1505893"   "1554534"   "1612584"   "2499018"   "3104732"   "3232373"   "3235003"   "3306395"   "3746126"   "4032310"   "4211303").PN.	USPAT	2003/01/24 15:33
	12	4530418.URPN.	USPAT	2003/01/24 15:35
	5	("4058485"   "4157929"   "4268482"   "4530418"   "4576800").PN.	USPAT	2003/01/24 15:36
	4	("4098722"   "4162993"   "4190559"   "4247422").PN.	USPAT	2003/01/24 15:36

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3	115996	(reactor burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 13:01
4	33709	(reactor burner) and (catalyst catalytically catalytic)	USOCR	2003/01/24 12:42
5	10359	(burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 12:44
6	517	turbulence and (burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 12:45
7	1203	(431/\$.ccls. 122/\$.ccls. 126/\$.ccls.) and (burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 13:01
8	1796	(431/\$.ccls. 60/\$.ccls. 122/\$.ccls. 126/\$.ccls.) and (burner) and (catalyst catalytically catalytic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/24 13:04
9	16	3910770.URPN.	USPAT	2003/01/24 13:29
10	20	4285193.URPN.	USPAT	2003/01/24 14:37
11	13	("1979187"   "2993454"   "3056467"   "3819334"   "3908367"   "4154568"   "4280926"   "4307068"   "4319556"   "4330503"   "4345528"   "4363785"   "4373507").PN.	USPAT	2003/01/24 14:44
12	3	("3581463"   "4102980"   "4193972").PN.	USPAT	2003/01/24 14:45
13	3	("3581463"   "4102980"   "4193972").PN.	USPAT	2003/01/24 14:46
14	6	4307068.URPN.	USPAT	2003/01/24 14:46
15	13	("1979187"   "2993454"   "3056467"   "3819334"   "3908367"   "4154568"   "4280926"   "4307068"   "4319556"   "4330503"   "4345528"   "4363785"   "4373507").PN.	USPAT	2003/01/24 14:47
16	12	("1789812"   "1932927"   "2772147"   "2887456"   "3100140"   "3109715"   "3172251"   "3208131"   "3211534"   "3295919"   "3441382"   "3607133").PN.	USPAT	2003/01/24 14:47
17	5	("3050375"   "3109715"   "3159450"   "3295919"   "3498928").PN.	USPAT	2003/01/24 14:48
18	22	3607133.URPN.	USPAT	2003/01/24 14:48
19	9	2887456.URPN.	USPAT	2003/01/24 14:54
20	3	("3499269"   "4003976"   "4414139").PN.	USPAT	2003/01/24 14:58
21	22	3499269.URPN.	USPAT	2003/01/24 14:58
22	5	("4340403"   "4364760"   "4364761"   "4390355"   "4404007").PN.	USPAT	2003/01/24 15:07
23	5	("4041591"   "4041592"   "4264346"   "4276071"   "4300953").PN.	USPAT	2003/01/24 15:08
24	14	("3869267"   "3920428"   "4264346"   "4276071"   "4324572"   "4376637"   "4427418"   "4456457"   "4543113"   "4576799"   "4613350"   "4813231"   "4940476"   "5042249").PN.	USPAT	2003/01/24 15:16
25	5	("2994435"   "3780872"   "3869267"   "4444574"   "4478618").PN.	USPAT	2003/01/24 15:17

26	11	("2805229"   "2986454"   "3499797"   "3507627"   "3916869"   "4425305"   "4459126"   "4730599"   "4739826"   "4870824"   "4938685").PN.	USPAT	2003/01/24 15:22
27	5	5326252.URPN.	USPAT	2003/01/24 15:22
28	7	("3933643"   "4661126"   "4872889"   "4928485"   "5042249"   "5070694"   "5110561").PN.	USPAT	2003/01/24 15:25
29	4	("3770389"   "4072471"   "4220625"   "4282186").PN.	USPAT	2003/01/24 15:26
30	4	("3770389"   "4072471"   "4220625"   "4282186").PN.	USPAT	2003/01/24 15:27
31	11	("3189563"   "3208131"   "3597165"   "3770389"   "3773894"   "3811845"   "3819334"   "3897366"   "3929671"   "3956185"   "4078898").PN.	USPAT	2003/01/24 15:27
32	70	3773894.URPN.	USPAT	2003/01/24 15:28
33	10	("3006782"   "3560408"   "3640755"   "3773894"   "3886095"   "3922234"   "3969480"   "4021372"   "4069171"   "4282115").PN.	USPAT	2003/01/24 15:29
34	3	("1934975"   "2526657"   "3257163").PN.	USPAT	2003/01/24 15:30
35	15	2526657.URPN.	USPAT	2003/01/24 15:30
36	8	("2332110"   "2526657"   "2801906"   "3362783"   "3391910"   "3492098"   "3867313"   "3920583").PN.	USPAT	2003/01/24 15:32
37	10	3492098.URPN.	USPAT	2003/01/24 15:32
38	7	("1341976"   "2877860"   "3492098"   "3775063"   "4022019"   "4345430"   "4530418").PN.	USPAT	2003/01/24 15:33
39	15	("0821828"   "1094667"   "1302300"   "1388107"   "1505893"   "1554534"   "1612584"   "2499018"   "3104732"   "3232373"   "3235003"   "3306395"   "3746126"   "4032310"   "4211303").PN.	USPAT	2003/01/24 15:33
40	12	4530418.URPN.	USPAT	2003/01/24 15:35
41	5	("4058485"   "4157929"   "4268482"   "4530418"   "4576800").PN.	USPAT	2003/01/24 15:36
42	4	("4098722"   "4162993"   "4190559"   "4247422").PN.	USPAT	2003/01/24 15:36

April 29, 1969

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CATALYST CARTRIDGE

3,441,382

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Sheet 1 of 2

FIG.1

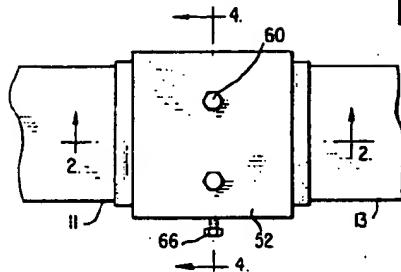


FIG.2

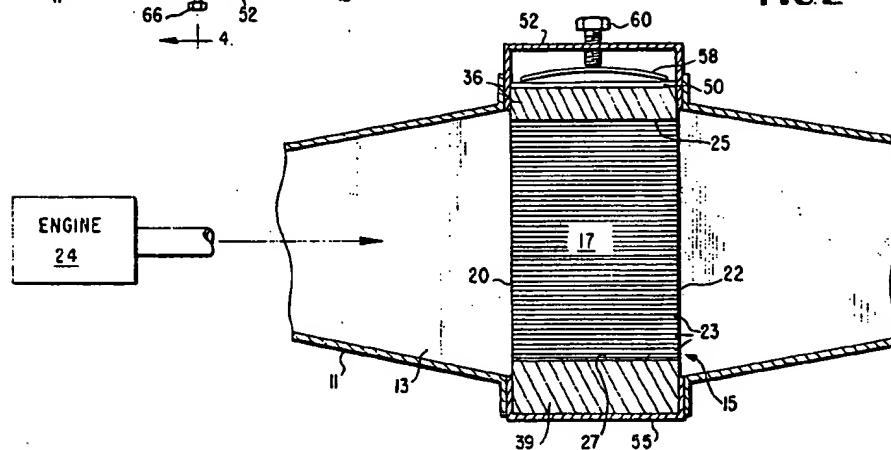


FIG.3

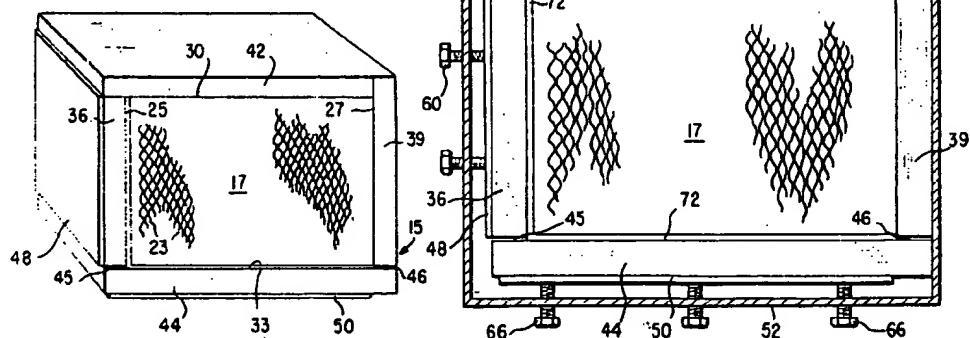


FIG.4

INVENTORS  
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BY TEUNIS SCHREUDERS  
*Adams, Fawcett & McLean*  
ATTORNEYS